

Listing of Claims

1. (Original) A method of individualizing a general broadcast signal, comprising:
combining a user identifier and a message to form a first message layer signal;
encoding the first message layer signal;
combining a first source identifier with the encoded first message layer signal to form a second message layer signal; and
encoding the second message layer signal.
2. (Original) A method of individualizing a general broadcast signal according to claim 1, further comprising:
combining a second source identifier with the encoded second message layer signal to form a third message layer signal;
encoding the third message layer signal.
3. (Original) A method of individualizing a general broadcast signal according to claim 1, wherein the encoding of at least one of the first and second message layer signals includes code division multiples access encoding.
4. (Original) A method of individualizing a general broadcast signal according to claim 2, wherein the encoding of the third message layer signals includes code division multiples access encoding.
5. (Original) A method of individualizing a general broadcast signal according to claim 1, further comprising:
receiving the encoded second message layer signal;

decoding the encoded second message layer signal; and
decoding the encoded first message layer signal.

6. (Original) A method of individualizing a general broadcast signal according to claim 2, further comprising:

receiving the encoded third message layer signal;
decoding the encoded third message layer signal; and
decoding the encoded second message layer signal.
decoding the encoded first message layer.

7. (Original) A method of individualizing a general broadcast signal according to claim 5, wherein the decoding of at least one of the first and second message layers signals includes code division multiples access decoding.

8. (Original) A method of individualizing a general broadcast signal according to claim 6, wherein the decoding of at least one of the first, second, third message layer signals includes code division multiples access decoding.

9. (Original) A system for individualizing a general broadcast signal, comprising:

first logic apparatus, operatively connected to receive and to concatenate a user identifier and a message to form a first message layer signal;

first encoder, operatively connected to first logic apparatus to encode the first message layer signal;

second logic apparatus, operatively connected to receive and concatenate a first source identifier with the encoded first message layer signal to form a second message layer signal; and

second encoder, operatively connected to the second logic apparatus to encode the second message layer signal.

10. (Currently Amended) A system for individualizing a general broadcast signal according to claim 59, further comprising:

third logic apparatus, operatively connected to receive and concatenate a second source identifier with the encoded second message layer signal to form a third message layer signal; and

third encoder, operatively connected to the third logic apparatus to encode the third message layer signal.

11. (Currently Amended) A system for individualizing a general broadcast signal according to claim 59, wherein the first and second encoders comprise code division multiplex access encoders.

12. (Currently Amended) A system for individualizing a general broadcast signal according to claim 510, wherein the third encoder comprises a code division multiplex access encoder.

13. (Original) A system for individualizing a general broadcast signal according to claim 9, further comprising:

a general broadcast receiver operatively connected to receive the encoded second message layer signal;

a first decoder operatively connected to decode the encoded second message layer signal;
and

a second decoder operatively connected to decode the encoded first message layer signal.

14. (Original) A system for individualizing a general broadcast signal according to claim 10,
further comprising:

a general broadcast receiver operatively connected to receive the encoded third message
layer signal;

a first decoder operatively connected to decode the encoded third message layer signal;

a second decoder operatively connected to decode the encoded second message layer
signal; and

a third decoder operatively connected to decode the encoded first message layer.

15. (Original) A system for individualizing a general broadcast signal according to claim 13,
wherein at least one of the first and second decoders includes a code division multiples access
decoder.

16. (Original) A system for individualizing a general broadcast signal according to claim 14,
wherein at least one of the first, second, third decoders include a code division multiples access
decoder.